



Disabled Access Regulations

Elevators

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INFORMATION BULLETIN

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NOTE: In buildings two or more stories in height, served by an elevator, or a building served by an elevator required by Table No. 10-A, or a building served by an elevator required for accessibility by Section 101.17, all elevators provided shall accommodate a wheelchair. Regulations shown in italics are revised pursuant to new disabled access requirements that became effective on 4/1/98. **Sec. 3003.4.1a.**

Passenger elevators shall be located near a major path of travel and provisions shall be made to assure that they remain accessible and usable at all times the building is occupied. **Sec. 3003.4.17.**

The car inside shall allow for the turning of a wheelchair. The minimum clear distance between walls or between wall and door; excluding return panels, shall be not less than 80" by 54" for center opening doors, and 68" by 54" for side-slide opening doors.

Minimum distance from wall to return panel shall be not less than 51". **Sec 3003.4.7a & Fig. 30-A**

Minimum clear width for elevator doors shall be 36". **Sec. 3003.4.4 & Fig. 30-A.**

A handrail shall be provided on one wall of the car, preferably the rear. The rails shall be smooth and the inside surface at least 1-1/2" clear of the walls at a nominal height of 32" above the floor. **Sec. 3003.4.12 & Fig. 30-B.**

The centerline of elevator floor buttons shall be no higher than 54" above the finish floor for side approach and 48" for front approach. **Sec. 3003.4.7a & Fig. 30-B.**

Floor buttons shall be provided with visual indicators to show when each call is registered. The visual indicators shall be extinguished when each call is answered. **Sec. 3003.4.7a.**

Except for photoelectric tube bypass switches, emergency control, including the emergency stop and alarm, shall be grouped in or adjacent to the bottom of the panel and shall be no lower than 2'11" from the floor. For multiple controls only, one set must comply with these height requirements. **Sec. 3003.4.7a.**

The centerline of the hall call buttons shall be no higher than 42" from the floor. The buttons shall be a minimum of 3/4" in size and shall be raised 1/8" + 1/32" above the surrounding surface. Visual indication shall be provided to show each call registered and extinguished when answered. Objects adjacent to and below hall call buttons shall not project more than 4" from the wall. **Sec. 3003.4.9a.**

The emergency telephone handset shall be positioned no higher than 4' above the floor, and the handset cord shall be a minimum of 2'5" in length. **Sec. 3003.4.7a.**

If the telephone system is located in a closed compartment, the compartment door hardware shall be lever type conforming to the provisions of Section 1004.3, type of lock or latch. Emergency intercommunication shall not require voice communication. **Sec. 3003.4.7a.**

The minimum illumination at the car controls, threshold and the landing when the car and landing doors are open shall not be less than 5 foot-candles. **Sec. 3003.4.13.**

Identification for the visually impaired shall comply with **Sec. 3003.4.8a & Fig. 30-B.**

A visual and audible signal shall be provided at each hoistway entrance indicating to the prospective passenger the car answering the call and its direction of travel as follows: **Sec. 3003.4.15a & Fig. 30-C.**

- The visual signal for each direction shall be a minimum of 2-1/2" high by 2-1/2" wide, and visible from the proximity of the hall call button.
- The audible signal shall sound once for the up direction and twice for the down direction or of a configuration that distinguishes between up and down elevator travel.
- The centerline of the fixture shall be located a minimum of 6' in height from the lobby floor.

The use of in-car lanterns, located in or on the car door jams, visible from the proximity of the hall call buttons and conforming to Section 3003.4.15a will be acceptable. **Sec. 3003.4.15a.**

The use of arrow shapes is preferred for visible signals. **Sec. 3003.4.15a & Fig. 30-C.**

Passenger elevator landing jams on all elevator floors shall have the number of the floor on which the jam is located designated by raised Arabic numerals which are a minimum of 2" in height and raised Braille symbols which conform to Section 1117b.5.2 located approximately 5' above the floor on the jam panels on both sides of the door so that they are visible from within the elevator. Raised Braille symbols shall be placed directly to the left of the corresponding raised Arabic numerals. The raised characters shall be on a contrasting background. **Sec. 3003.4.16a & Fig. 30-C.**

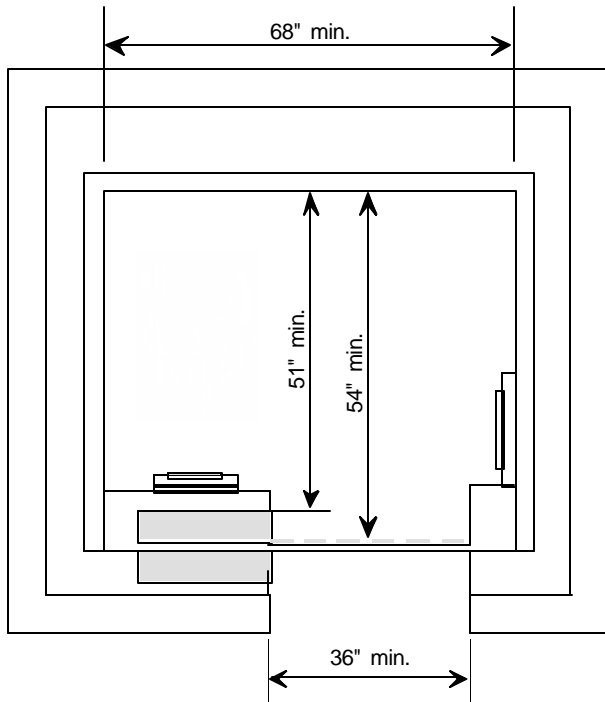
Special Access (wheelchair) Lifts may be provided between levels, in lieu of passenger elevator, when the vertical distance between landings, structural design and safeguards is as allowed by the State of California, Division of the State Architect, Access Compliancy Section, the Department of Industrial Relations, Division of Occupational Safety and Health, and any applicable safety regulations. **Sec. 3008.1.**

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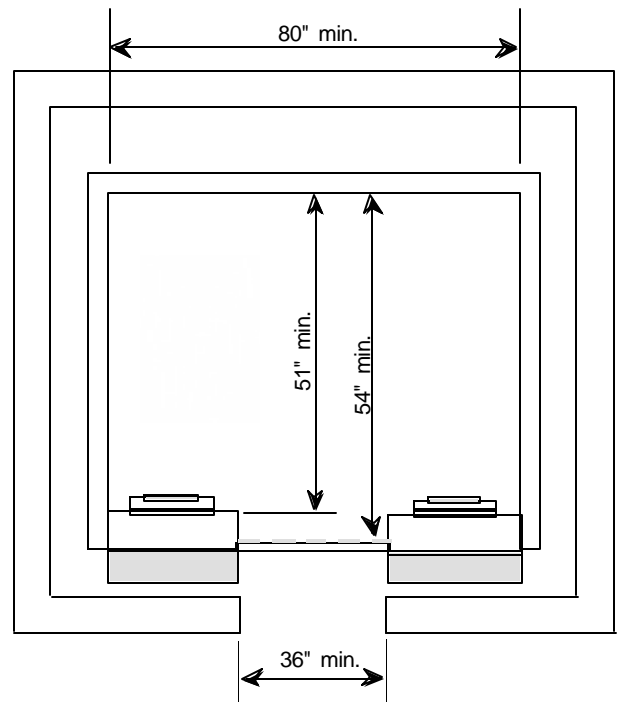
If lifts are provided, they shall be designed and constructed to facilitate unassisted entry, operation and exit from the lift, and shall comply with chapters 11 and 11B, and ASME A17.1, Safety Code for Elevators and Escalators, Section XX, 1990. **Sec. 3008.1.**

Additionally, lifts may be provided as part of an accessible path of travel in the cases listed in Sections 3008.1.1 through 3008.1.4.

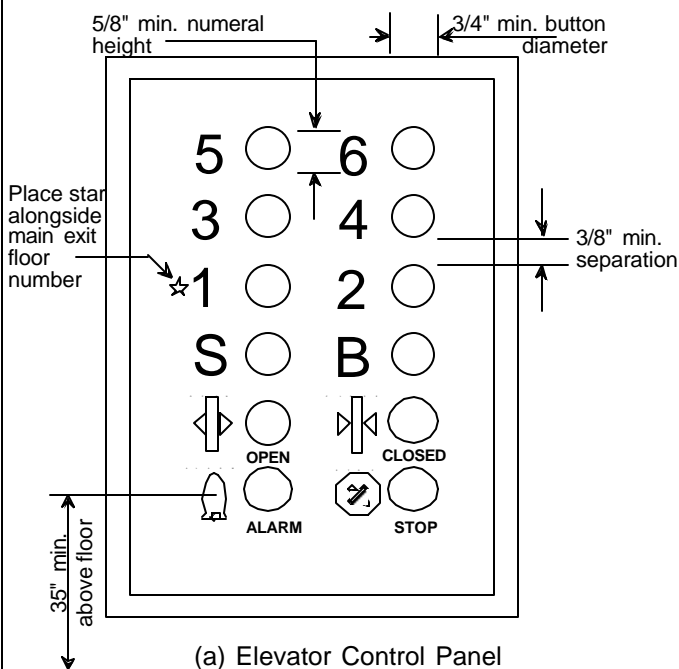
Lifts must meet specifications listed in Sections 3008.1.4.1 through 3008.1.4.10



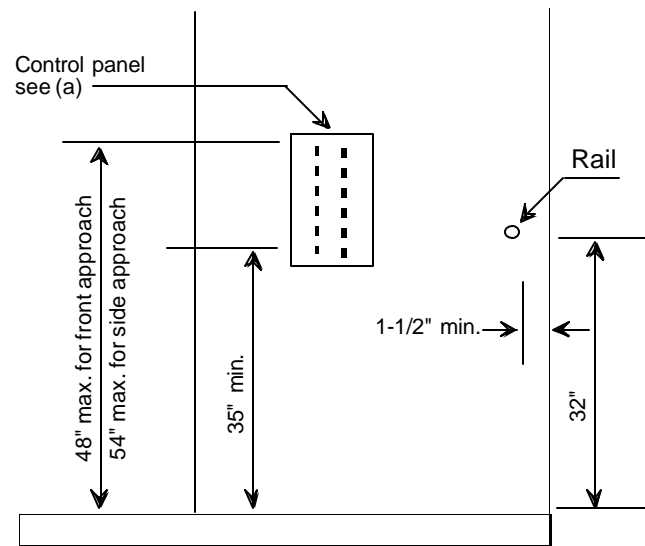
(a) Side Opening Door



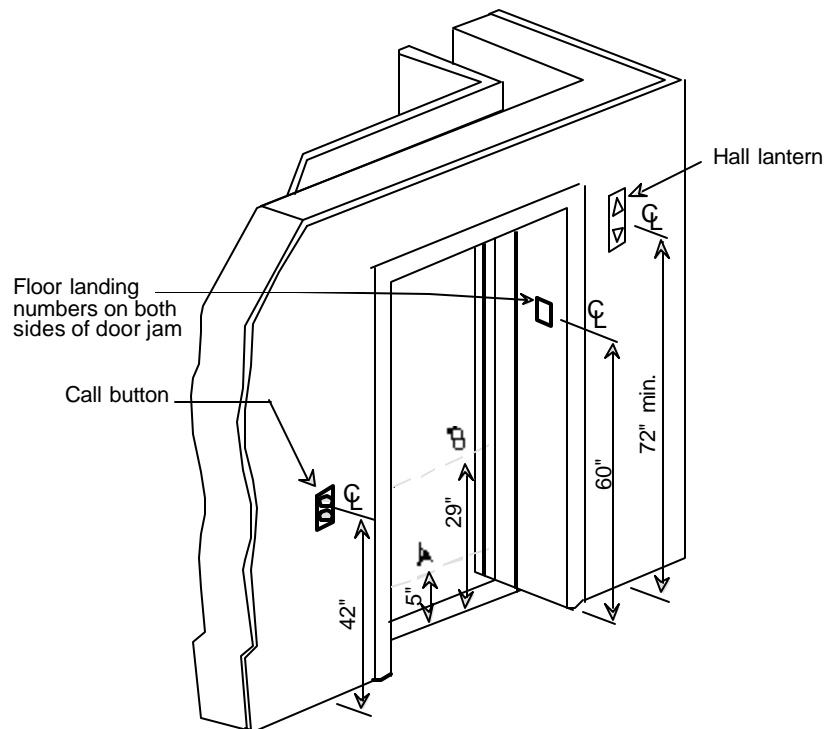
(b) Center Opening Door



(a) Elevator Control Panel



(b) Maximum Installation Heights



Note: The automatic door reopening device is activated if an object passes through either line A or line B. Line A and line B represent the vertical location of the door reopening device not requiring contact.

Hoistway And Elevator Entrances

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